



7700040

# ANTERIOS STANTES OF ANTERIOS

TO ALL TO WHOM THESE PRESENTS, SHARL, COME;

# Chocolate Bayou Company

Talkereas, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF ACUCITED. YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, IMPORTING IT, OR EXPORTING IT, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT TY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SP. Y THE OWNER OF THE RIGHTS. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

RICE

'CB 744'

In Testimony Winercot, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this 26th day of January in the year of our Lord one thousand nine hundred and seventy-eight

Attessy

Acting

Commissioner

Plant Variety Protection Office

Grain Division Agricultural Marketing Service Secretary of Agriculture

FORM APPROVED OMB NO. 40-R3712

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
GRAIN DIVISION
PLANT VARIETY PROTECTION OFFICE
NATIONAL AGRICULTURAL LIBRARY
BELTSVILLE, MARYLAND 20705

APPLICATION INSTRUCTIONS: See Reverse,	FOR PLANT VAF	RIETY PROTECT	ION CERTIFICAT	E	
1a. TEMPORARY DESIGNATION OF VARIETY	1b. VARIETY NAME		FOR OFFICIAL USE ONLY		
A681F <sub>3</sub> B <sub>1</sub> -488	CB 744		7700040		
2. KIND NAME	3. SENUS AND SPEC	IES NAME	FILING DATE	TIME	
Rice	oryzae sat	<u>ival</u>	1-31-77	4:00 EM	
4. FAMILY NAME (BOTANICAL)	5. DATE OF DETERM	MINATION	: 250.00	1-31-77	
Gramineae	1974		350.00	3-4-77	
6. NAME OF APPLICANT(S)	7 ADDRESS (Street and No. or R.F.D. No.,			B. TELEPHONE AREA	
Chocolate Bayou Company	Code)		•	CODE AND NUMBER	
a division of		ce Box 1305	4. C		
General Crude Oil Compan		xas 77511	;	713/331-6481	
a wholly-owned subsidia					
International Paper Comp 9. IF THE NAMED APPLICANT IS NOT A PER	any	10 07475 07 110	<u> </u>		
ORGANIZATION: (Corporation, partnership,	esociation, etc.)	10. STATE OF INCOR	PORATION	11. DATE OF INCOR-	
Corporation		   Delaware	+ 13 !	July 3, 1974	
12. Name and mailing address of applica	int representative(s			d receive all papers	
L. E. Crane, Agronomis Chocolate Bayou Compan Post Office Box 1305 Alvin, Texas 77511	t			:	
13. CHECK BOX BELOW FOR EACH ATTACH	MENT SURMITTED.		<del></del>		
13A. Exhibit A, Origin and Breedi 13B. Exhibit B, Novelty Statemen 13C. Exhibit C, Objective Descript 13D. Exhibit D, Additional Descri	t. tion of the Variety <i>(R</i>		: .	,	
14A. Does the applicant(s) specify that seed (See Section 83(a), (If "Yes," answer	l of this variety be sol 14B and 14C below.	d by variety name on		d seed?	
14B. Does the applicant(s) specify that this limited as to number of generations?	_	If "Yes," to 14B, he breeder seed?	ow many generations o	f production beyond	
15. Does the applicant(s) agree to the pub			<u> </u>	1444	
15. Does the applicant(s) agree to the pub	ucation of his/her (th	eir) name(s) and add	ress in the Official Jou	rnal?	
		· · · · · · · · · · · · · · · · · · ·	····	X YES NO	
The applicant(s) declare(s) that a viab a certificate and will be replenished portion.  The undersigned applicant(s) is (are) variety is distinct, uniform, and stabtion 42 of the Plant Variety Act.	the owner(s) of this	nce with such regular	ions as may be applica	ble.	
Applicant(s) is (are) informed that fals	e representation here	in can jeopardize pro	tection and result in p	enalties.	
January 28, 1977					
(DATE)	,		SIGNATURE OF APPLIC	CANT	
	•	L. E. Crai	ne		
(DATE)		·			
(DA(E)	· ·	(:	SIGNATURE OF APPLIC	ANT)	

#### EXHIBIT 13a

### ORIGIN AND BREEDING HISTORY OF THE VARIETY

CB 744 (Oryza sativa L.) is a glaborous, long grain, short straw, very early maturing rice variety developed by Chocolate Bayou Company on its Research Farm approximately six miles south of Alvin, Texas. Chocolate Bayou Company is a division of General Crude Oil Company of Houston, Texas, which is a wholly owned subsidiary of International Paper Company headquartered in New York, New York.

The initial cross, in the development of CB 744 was made at Rosharon, Texas, in 1965 between Bluebelle and CI9545.  $F_3$  lines for this cross, R651A, were grown in 1967 on an experimental area provided by Mr. Duward Harper on land owned by the Houston Farms Company. One of these  $F_3$  lines,  $R651A_1-3$ , appeared uniform in height and was approximately 8 inches shorter than Bluebelle. This F3 line was crossed back to Bluebelle in 1968 and designated as A681F<sub>3</sub>B<sub>1</sub>-4. In 1970 F<sub>3</sub> back cross selections were saved and  $F_4$  line was grown in 1971. Five of these rows were 35" - 36" tall and appeared to have all the characteristics of Bluebelle with some variation in grain size. After individual plant selections were made, the five rows were harvested for milling and quality analysis. All five lines produced milled samples as good or better than Bluebelle. One hundred grams of milled rice of each of these selections was sent to the U.S.D.A., A. R. S., Rice Quality Laboratory at Beaumont, Texas. Dr.

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### 7700040

Bill Webb reported all five lines had cooking quality similar to Bluebelle and that they were typical of U. S. long grain rice. The 1975 quality results for CB 744 and Bluebelle are reported on GR-470-17 form under Item 18.

The five selections were grown in randomized block yield test, replicated four times, beginning in 1972 and further purified by individual plant selections. In 1974, as a result of the further selecting and testing, head row seed produced in 1973, was designated as CB 744. Table 1 gives the comparative results on CB 744 and Bluebelle for 1972 through 1975.

Approximately one-half acre of CB 744 was grown in 1974 and a 20 acre field including 1,000 rows in a head row block was produced in 1975. From this seed 95.3 acres were planted in 1976 and the production from this acreage was approved by the Seed Division of the Texas State Department of Agriculture as Foundation Seed (see attached letter).

A medium grain tall pubescent variant was found in this years seed production field but the number of plants found were well within the tolerance of the Texas Department of Agriculture standards for Foundation Seed. This variant should be removed in subsequent head row blocks.

#### EXHIBIT 13b

#### NOVELTY STATEMENT

CB 744 most closely resembles the rice variety Bluebelle. The outstanding difference is that CB 744 is an average of 21 centimeters or approximately 8 inches shorter in height than Bluebelle. Both varieties have the same number of nodes but all internode lengths are shorter in CB 744 than they are in Bluebelle. This reduction in height should make CB 744 much more resistant to lodging than Bluebelle. Table 1, Exhibit 13b shows four years results of the differences in CB 744 and Bluebelle in height. The other data in this table illustrates how closely CB 744 resembles Bluebelle. The pictures attached to this exhibit Figures 1, 2, 3, and 4 show the difference in plant height between CB 744 and Bluebelle. Figures 5, 6, and 7 depict little or no difference in panicles, rough rice, and milled rice. Figure 8 is a picture of the 1976 CB 744 seed increase field and head row block that was approved by the Seed Division of the Texas Department of Agriculture as Foundation Seed.

# CHOCOLATE BAYOU COMPANY ALVIN, TEXAS

Comparative results from randomized block yield trials between the rice varieties Bluebelle and CB 744

YEAR	RICE	VARIETY/1	POUNDS/2	PLANT/3	DAYS TO/4	MILLING	PERCENT
GROWN	VARIETY	TEST No.	PER ACRE	HEIGHT	1ST HEAD	HEAD	TOTAL
1972	Bluebelle	5-E-12	6562	114	81	62	69
	CB 744	5-E-6	6706	94	82	58	70
1973	Bluebelle	3-E-1	4309	102	76	67	72
	CB 744	3-E-11	4090	84	79	65	70
1974	Bluebelle	3-E-1	5995	113	78	69	72
	CB 744	3-E-20	6796	91	80	66	71
1975	Bluebelle	5-E-4	5383	112	81	62	71
	CB 744	5-E-12	5296	89	81	61	71
4 YEAR	Blubelle	ALL	5562	110	79	65	71
AVERAGE	CB 744	TEST	5722	89	80	63	71

- All above data based on four replications of each variety in all tests except milling percentage was determined by taking duplicate samples from a composite of all four replications.
- /2 Dry weight based on approximately 12% moisture.
- /3 Plant height was measured in centimeters from the soil line to the tip of the panicle.
- $\frac{/4}{}$  Days from the time the seed was wet from flushing or rain until approximately 10% of the rice was headed.

#### INSTRUCTIONS

VIG Kerney DIV. OGVG

GENERAL: Send an original copy of the application, exhibits and fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Gian Division, National Agricultural Library, Beltsville, Maryland 20705. (See Section 180.175 of the regulations and rules of practice.) Regain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

#### ITEM

- Give the date the applicant determined that he had a new variety based on (1) the definition in Section 41(a) of the Act and (2) the date a decision was made to increase the seed.
- Give (1), the genealogy, including public and commerical varieties, lines, or clones used, and the breeding method. (2), the details of subsequent stages of selection and multiplication. (3), the type and frequency of variants during reproduction and multiplication and state how these variants may be identified and (4), evidence of stability.
- Give a summary statement of the variety's novelty. Clearly state how this novel variety may be distinguished from all other varieties in the same crop. If the new variety most closely resembles one or a group of related varieties; (1) identify these varieties and state all differences objectively; (2) Attach statistical data for characters expressed numerically and demonstrate that these differences are significant; and (3) submit, if helpful, seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty.
- 13c Fill in the Exhibit C, Objective Description form for all characteristics, for which you have adequate data.
- Describe any additional characteristics that are not described, or whose description cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the description of characteristics that are difficult to describe; such as; plant habit, plant color, disease resistance, etc.

14A If "YES" is specified (seed of this variety be sold by variety name only as a class of certified seed) the applicant may NOT reverse his affirmative decision after the variety has either been sold and so labeled or published or the certificate has been issued. However, if the applicant specifies "NO", he may change his choice. (See Section 180.15 of the Regulations and Rules of Practice.)

FORM GR-470-17 (1-2-73)

## UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE GRAIN DIVISION

EXHIBIT C (Rice)

HYATTSVILLE, MARYLAND 20782

### OBJECTIVE DESCRIPTION OF VARIETY

REFERENCES: See Reverse.	RICE (ORYZA S	ATIVA)	
NAME OF APPLICANT(S)	-		FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or R.F.D. No., City,	State, and ZIP Code)		7700040
Post Office Box 1305			VARIETY NAME OR TEMPORARY
Alvin, Texas 77511	•		DESIGNATION TILL
			CB 744
Place the appropriate number that describe Place a zero in first box (e.s. $\begin{bmatrix} 0 & 8 & 9 \end{bmatrix}$ of	es the varietal character of the r 0 9 ) when number is eit	nis variety in th her 99 or less o	e boxes below. r 9 or less.
1. MATURITY (Seeding to 50% Heading):			
LOCATION Alvin, Texas	AVERAGE DATE SEEDED	April	
1 = VERY EARLY (85 days of 3 = MIDSEASON (101 - 115)	or less) 2 = EARLY (86 - 100 4 = LATE (115 - or m		8 5 NUMBER OF DAYS
0 0 NO. OF DAYS EARLIER THAN	1 = BELLE PATNA	4 <b>2</b> = BLUEE	80 days to 10% head BELLE 3=NATO
- NO. OF DAYS LATER THAN	. 4 = STARBONNET	Γ 5 = CALRO	OSE 6 = REXORO
2. PLANT HABIT (Tiller Angle from Perpend	icular at the Early Jointing Stage	):	-
3 1 = SPREADING (more than 60°)	2 = INTERMEDIATE 3 = E	RECT (less than :	30°)
3. STEMS (Full Heading):			
0 8 9 CM. TALL (Soil level to tip of	extended panicle on main culm)		
2 1 CM. SHORTER THAN	2 ) 1 = BELLE PATNA	4 2 = BLUEE	BELLE 3 = NATO
CM. TALLER THAN	4 = STARBONNET	5 = CALRO	OSE 6≖REXORO
0 5 NUMBER OF NODES			
1 INTERNODE COLOR (Outside)	4 = GREEN 5 =	REDDISH 6=1	GOLD LIGHT PURPLE -0-
2 SEPTUM COLOR (Inside Node)	7 - FORFEE 8-	DARK PURPLE	9 = OTHER (Specify)
Tillering Ability (number of culms):	1 = 10 OR LESS (Belle Patna)	2 = 11 - 20 (Blu	ebonnet) 3 = ABOVE 20 (Century Patna)
1 = STURDY (Starbonn		:lle Patna) 3 =	WEAK
4. LEAF BLADE (First Leaf Below Flay Leaf	):		
3 8 CM. LENGTH	111 MM. WIDTH		
2 Color: 1 = PALE GREEN (Starbor 4 = PURPLE	nnet) 2 = MEDIUM GREEN 5 = RED		= DARK GREEN (Calrose) = OTHER (Specify)
Pubescence: 1 = GLABROUS 2 = IN	TERMEDIATE 3	Flag Leaf Angle:	1 = HORIZONAL 2 = ASCENDING 3 = ERECT
3 8 CM. LENGTH OF FLAG LEAF (BO	pooting Stage)	 7 мм. widti	H (widest point) OF FLAG LEAF (Booting Stage)
5. LEAF SHEATH (First Leaf Below Flag Lea	f):	<u>, , , , , , , , , , , , , , , , , , , </u>	
Ligule Length: 1 = NONE 2 = 20 Color:	MM. OR LESS 3 = 21 - 34 M	M. 4 = MORE	THAN 34 MM.
SHEATH (Outside)	E/ 29(F COLLAR )		
SHEATH (Inside)	1 LIGULE	1 - COLORLESS	8
2 SHEATH (Seedling)	AURICLE	4 = PURPLE	5 = OTHER (Specify) "

(contid other side)

#### EXHIBIT 13d

ADDITIONAL CHARACTERISTICS AND SUPPORTING INFORMATION

In addition to the marked reduction in plant height of
CB 744, compared to Bluebelle, the flag leaves of CB 744 are
more erect at maturity. This characteristic can be seen in
Figures 3 and 4 of Exhibit 13b.

The testing of CB 744 has been confined to land owned by Chocolate Bayou Company in Brazoria County near Alvin, Texas, but by using Bluebelle as the recurrent parent in the development of this variety it is assumed that CB 744 will have the same general adaptation as Bluebelle.

In regard to disease and insect resistance, the plant breeder is always aware of selecting disease and insect free breeding lines. Chocolate Bayou Company does not have the facilities to evaluate rice breeding material for all the insects and diseases that attack rice, but selection for resistance to those that occur in the breeding nursery or testing area is an important part of the breeding program.

The most serious disease of rice in the Texas Gulf

Coast is stem rot caused by <u>Sclerotium oryzae</u>. This disease

has been the main factor in the reduction of Bluebelle acreage. CB 744 will probably be as susceptible to stem rot as

Bluebelle. Fortunately, the fungicide Benelate, which controls stem rot and a number of other minor diseases, has

recently been approved by the EPA for use on rice.

It is proposed that Chocolate Bayou Company maintain a pure source of CB 744 by producing head row seed blocks.

FORM GR-470-17 (1-2-73)

# UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE

GRAIN DIVISION

EXHIBIT C (Rice)

HYATTSVILLE, MARYLAND 20782

### OBJECTIVE DESCRIPTION OF VARIETY

REFERENCES: See Reverse.	RICE (ORYZA SATIVA)	
CHOCOLATE BAYOU COMPANY	· · · · · · · · · · · · · · · · · · ·	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or R.F.D. No., City, State, a	nd ZIP Code)	7700040
Post Office Box 1305		VARIETY NAME OR TEMPORARY
Alvin, Texas 77511	•	CB 744
Place the appropriate number that describes the value a zero in first box (e.g. 0 8 9 or 0 9	varietal character of this variety in th	e boxes below.
<ol> <li>MATURITY (Seeding to 50% Heading):</li> </ol>		
LOCATION Alvin, Texas AVER	age date seeded April	
1 = VERY EARLY (85 days or less) 3 = MIDSEASON (101 - 115)	2 = EARLY (86 - 100) 4 = LATE (115 - or more)	8 5 NUMBER OF DAYS
0 0 NO. OF DAYS EARLIER THAN 2	1 = BELLE PATNA 2 = BLUEE	80 days to 10% head
- NO. OF DAYS LATER THAN	4 = STARBONNET 5 = CALRO	OSE 6 = REXORO
2. PLANT HABIT (Tiller Angle from Perpendicular at	the Early Jointing Stage):	
	TERMEDIATE 3 = ERECT (less than 3	30°)
3. STEMS (Full Heading):		
0 8 9 CM. TALL (Soil level to tip of extende	d panicle on main culm)	
2 1 CM. SHORTER THAN 2	1 = BELLE PATNA 2 = BLUEB	SELLE 3 = NATO
CM. TALLER THAN	d = STARBONNET 5 = CALRO	OSE 6 = REXORO
0 5 NUMBER OF NODES		
\ 4 = GR	EEN 5 = REDDISH 6 = 1	GOLD LIGHT PURPLE -0-
2 SEPTUM COLOR (Inside Node) 7 = PUI	RPLE 8 = DARK PURPLE	9 = OTHER (Specify)
Tillering Ability (number of culms): 1 = 10 C	OR LESS (Belle Patna) 2 = 11 - 20 (Blue	abonnet) 3 = ABOVE 20 (Century Patna)
<u> </u>	= INTERMEDIATE (Belle Patna) 3 =	WEAK '
4. LEAF BLADE (First Leaf Below Flay Leaf):		
3 8 CM. LENGTH 1 1	мм. width	
2 Color: 1 = PALE GREEN (Starbonnet) 4 = PURPLE	C DCB	DARK GREEN (Calrose) OTHER (Specify)
1 = GLABROUS 2 = INTERME 2 = INTERME	DIATE 3 Flag Leaf Angle:	1 = HORIZONAL 2 = ASCENDING 3 = ERECT
3 8 CM, LENGTH OF FLAG LEAF (Booting Sta	age) 1 7 MM. WIDTH	I (widest point) OF FLAG LEAF (Booting Stage)
5. LEAF SHEATH (First Leaf Below Flag Leaf):		
2 Ligule Length: 1 = NONE 2 = 20 MM, OR  Color:	LESS 3 = 21 - 34 MM. 4 = MORE	THAN 34 MM.
	OLLAR )	
	.IGULE 4 = PURPLE	2 = GREEN 3 = RED  5 - OTHER (Specify)
2 SHEATH (Seedling)	URICLE )	3 - OTHER (Specify)

(contid other side)

770**0040** FORM GR-470-17 (Page 3 of 3 pages) 14. PYRICULARIA ORYZAE RESISTANCE (International races found under References, items 2 and 4 below.) (0 = Not Tested; 1 = Susceptible; 2 = Resistant): GROUP IA 18 3 2 13 14 1 1 1 1 8 109 33 49 54 1 17 19 NUMBER 1 0 0 0 0 0 0 0 RESISTANCE 0 0 0 0 0 0 0 0 0 See attached statement 15. DISEASE RESISTANCE (0 = Not Tested; 1 = Susceptible; 2 = Resistant): 0 FUSARIUM PANICLE BLIGHT **ENTYLOMA ORYZAE** CERCOSPORA ORYZAE 0 LEPTOSPHAERIA SALVINII HOJA BLANCA VIRUS HELMINTHOSPORIUM ORYZAE 0 STRAIGHTENED RHIZOCTONIA ORYZAE PYTHIUM SEEDLING BLIGHT See attached 0 OTHER (Specify) statement WHITE TIP NEMATODE TILLETIA BARCLAYANA 16. INSECT RESISTANCE (0 = Not Tested; 1 = Susceptible; 2 = Resistant) RICE HISPA LEAF HOPPER **GRASS HOPPER** STINK BUG STEM BORER RICE MIDGE See attached OTHER (Specify) statement WATER WEEVIL SWARM CATERPILLAR 17. INDICATE A VARIETY WHICH MOST CLOSELY RESEMBLES THAT SUBMITTED: NAME OF VARIETY NAME OF VARIETY CHARACTER CHARACTER Bluebelle Bluebelle Seed Shape Tillering Endosperm Transp. Bluebelle Bluebelle Lodging Milling Quality Bluebelle Leaf Angle <u>Bluebelle</u> Cook & Proc. Quality Bluebelle Bluebelle Leaf Color 18. GIVE THE FOLLOWING AVERAGE DATA FOR SUBMITTED AND A SIMILAR VARIETY ALKALI **GELATINIZATION** PARBOIL CANNING **REACTION \*\*\* TEMPERATURE** STABILITY PROTEIN \* AMYLOSE \*\* VARIETY 2.0 1.7 (°C) (%) (% Loss) (%) 4-3,2-23.3 Intermediate 6-2 SUBMITTED <u>Intermediate</u> SIMILAR 23.3 6-2 2-3,4-Blue-Blue-NAME OF SIMILAR

#### REFERENCES

Bluebelle

\*\*\*Average spreading value in 1.7% and 2.0% KOH Solution.

belle

belle

- 1. C. R. Adair et al, 1972. Rice in the United States: Varieties and Production. USDA Handbook No. 289 (Rev.), 124 pp.
- 2. J. G. Atkins, ct al, 1967. An International Set of Rice Varieties for Differentiating Race of Pyricularia Oryzae. Phytopath. 57:297-301.
- 3. Te-Tzu Chang, 1965. The Morphology and Varietal Characteristics of the Rice Plant. IRRI Los Banos, Philippines Tech. Bulletin 4.
- 4. K. C. Ling and S. H. Ou, 1969. Standardization of the International Race Numbers of Pyricularia Oryzae. Phytopath. 59:339-342.
- 5. B. D. Webb et al., 1968. Characteristics of Rice Varieties in the USDA Collection. Crop Sci. 8:361-365.

\*\*Milled Rice 11 - 12% Moisture

6. Nickerson's or any recognized color fan may be used to determine plant colors of the described variety.

COMMENTS:

VARIETY

\*Hulled Rice - Dry Wt.

Bluebelle